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(54) HYDROCARBON COMPOUND, MATERIAL FOR ORGANIC ELECTROLUMINESCENT ELEMENT AND ORGANIC ELECTROLUMINESCENT ELEMENT

(57)Abstract:

PROBLEM TO BE SOLVED: To provide an organic electroluminescent element which has excellent emitting efficiency and emits light at high intensity, and also to provide a new hydrocarbon compound which is preferably used for the electroluminescent element.

SOLUTION: This organic electroluminescent element includes between a pair of electrodes, at least one layer containing at least one hydrocarbon compound in which anthracene and fluorene rings which have respective groups having formula (I) [wherein, Ar₁ and Ar₂ are substituted or unsubstituted arylene group; and Z is a coupling group] are directly bonded to each other. This hydrocarbon compound is a compound in which anthracene and fluorene rings which have respective groups represented by formula (I) [wherein, Ar₁ and Ar₂ are each a substituted or unsubstituted arylene group; and Z is a coupling group] are directly bonded to each other.



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